

**Practice**

For use with pages 230–235

**Find the sum or difference.**

1.  $\frac{7}{12} + \frac{7}{10}$

2.  $\frac{8}{9} + \left(-\frac{10}{21}\right)$

3.  $-\frac{4}{17} + \frac{3}{5}$

4.  $-\frac{3}{4} - \left(-\frac{5}{18}\right)$

5.  $-\frac{1}{6} - \frac{9}{22}$

6.  $-\frac{11}{12} - \frac{7}{15}$

7.  $\frac{9}{20} - \frac{3}{16}$

8.  $-\frac{5}{14} - \left(-\frac{9}{10}\right)$

**Evaluate the expression when  $x = \frac{5}{6}$  and  $y = -\frac{3}{10}$ .**

9.  $x + y$

10.  $x - y$

11.  $y - x$

12.  $-y - x$

**Find the sum or difference.**

13.  $5\frac{2}{7} + 7\frac{1}{6}$

14.  $4\frac{5}{9} - 3\frac{2}{15}$

15.  $-2\frac{8}{9} + 2\frac{5}{6}$

16.  $-1\frac{5}{8} - \left(-2\frac{1}{5}\right)$

17.  $1\frac{3}{4} - 4\frac{3}{14}$

18.  $-6\frac{3}{25} + 3\frac{1}{2}$

19.  $4\frac{9}{16} + \left(-3\frac{3}{10}\right)$

20.  $-1\frac{2}{3} - \left(-1\frac{4}{11}\right)$

**Practice**

For use with pages 230–235

Evaluate the expression when  $x = -4\frac{1}{6}$  and  $y = 1\frac{11}{16}$ .

21.  $x + y$

22.  $x - y$

23.  $y - x$

24.  $-y - x$

Simplify the expression.

25.  $-\frac{7x}{6} - \frac{x}{5}$

26.  $\frac{x}{8} + \frac{5x}{3}$

27.  $-\frac{2x}{9} + \frac{7x}{15}$

28.  $\frac{4x}{7} - \frac{8x}{5}$

29. A baby weighs  $7\frac{1}{8}$  pounds at birth. After four months, the baby weighs  $15\frac{2}{3}$  pounds. How much weight did the baby gain?

30. In a bag of marbles,  $\frac{2}{5}$  are red,  $\frac{2}{7}$  are green, and the rest are blue. What fraction of the marbles are blue?

31. An ice sculpture originally has a height of  $74\frac{1}{4}$  inches. The ice sculpture begins to melt and after several hours, the height has decreased by  $8\frac{7}{16}$  inches. What is the current height of the sculpture?